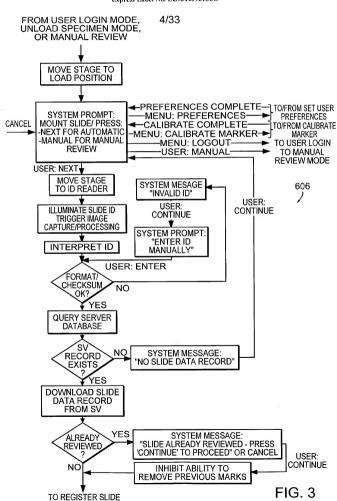


SOFT

FIG. 1

Title. Cytological Imaging Systems and

Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US



Title: Cytological Imaging Systems and 10008379 . 052802 Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US

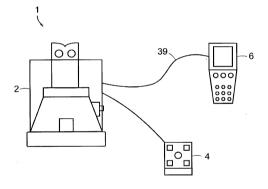


FIG. 4

Title: Cytological Imaging Systems and Methods

110088379 .052802

Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US

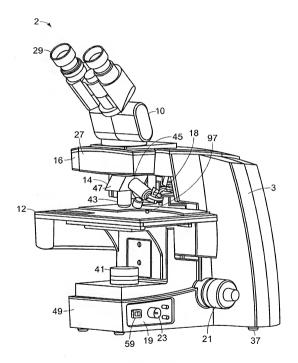


FIG. 5A

Title: Cytological Imaging Systems and Methods 10008379 #052802 Newton: Ostagaard et al. Aity Docket No. CYM-037 Atty: John V. Forcier Express Label No. EL934409615US

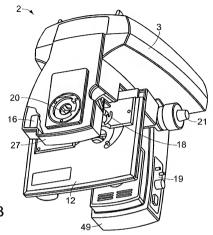


FIG. 5B

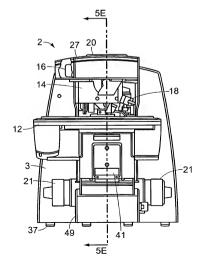


FIG. 5C

Title: Cytological Imaging Systems and Methods 41008379 435580

Methods
Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US

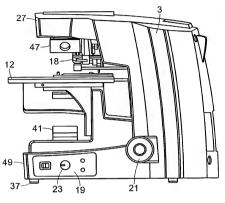


FIG. 5D

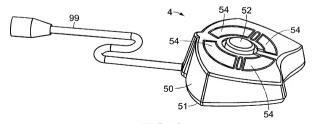


FIG. 6

Title: Cytological Imaging Systems and 10008279 = 052802 Inventor: Ostagaard et al. Aity Docket No. CYM-037 Aity: John V. Forcier Express Label No. EL934409615US > }

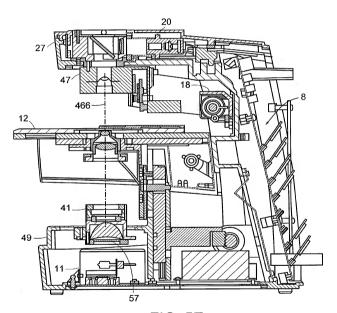


FIG. 5E

Title: Cytological Imaging Systems and 08579.052862 Methods

Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty: John V. Forcier

Express Label No. EL934409615US

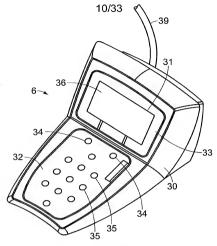


FIG. 7

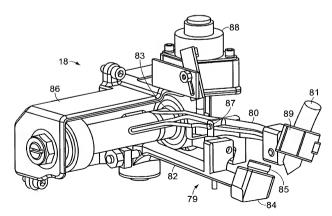
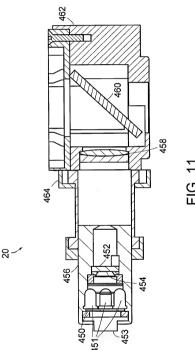


FIG. 8

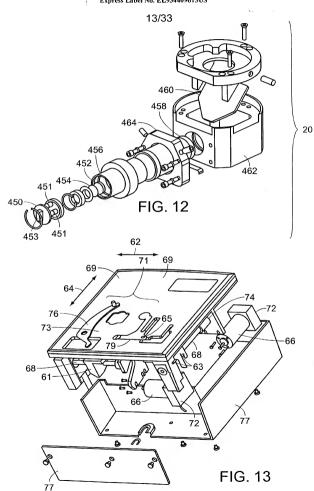
Title: Cytological Imaging Systems and GOSS79 GOSS8GE Methods
Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier

Express Label No. EL934409615US 11/33 88-F 83 80 18 87 79 FIG. 9 460 20~ 462 456 450-FIG. 10 11

Title: Cytological Imaging Systems and 1008379 . 052802 Methods
Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US



Title: Cytological Imaging Systems and  $\verb|1000379|$  .  $\verb|052802|$  Methods Inventor: Ostagaard et al. Atty Docket No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US



Title: Cytological Imaging Systems and CCSS79 . CS28C2 Methods

Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US

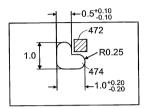


FIG. 14

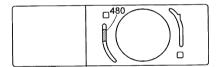


FIG. 15A

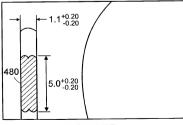


FIG. 15B

Title: Cytological Imaging Systems and 10008579 ... 052802 Methods
Inventor: Ostagaard et al.
Atty Docket No. CVM-037
Atty: John V. Forcier
Express Label No. EL934409615US

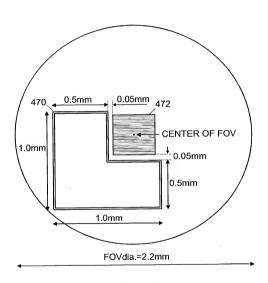
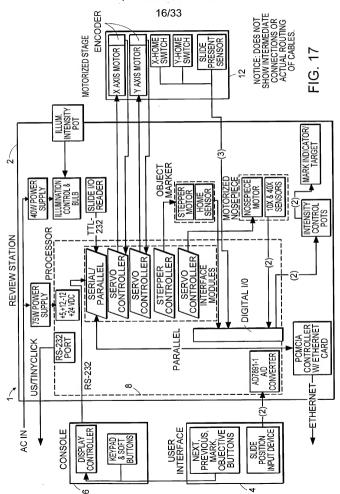


FIG. 16

Title: Cytological Imaging Systems and  $\textbf{10}008379 \pm 052802$  Methods

Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty: John V. Forcier

Express Label No. EL934409615US



Title: Cytological Imaging Systems and Methods Inventor: Ostagaard et al.

Atty Docket No. CYM-037 Atty: John V. Forcier

Express Label No. EL934409615US

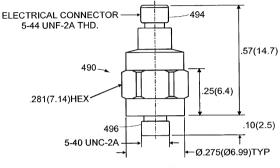


FIG. 18A

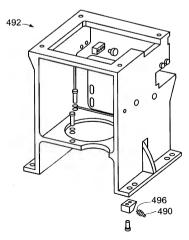


FIG. 18B

Title: Cytological Imaging Systems and 10008579 a 052802 Methods Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty. John V. Forcier Express Label No. EL934409615US

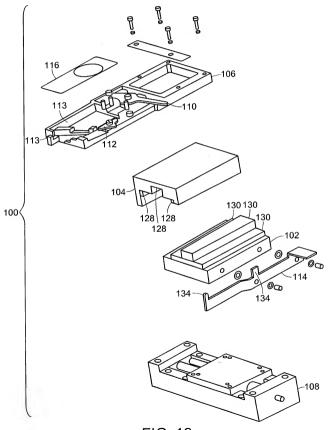
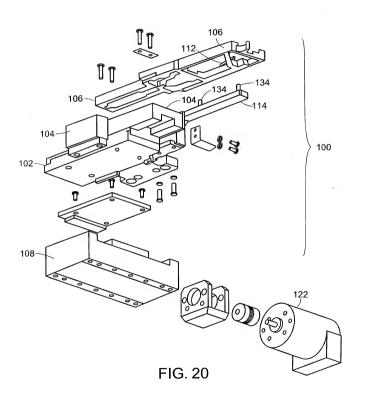


FIG. 19

Title: Cytological Imaging Systems and COOSSTO a DEES E Methods
Inventor: Ostagaard et al.
Atty Dockel No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US



Title: Cytological Imaging Systems and OOCB379 . OSESGE Methods

Inventor: Ostagaard et al. Atty Docket No. CYM-037

Atty: John V. Forcier Express Label No. EL934409615US

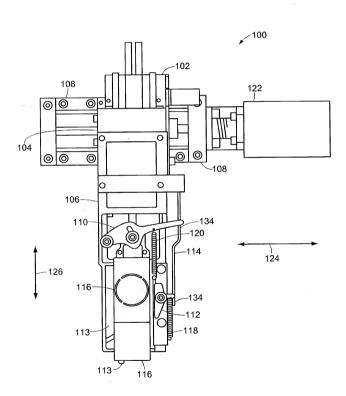
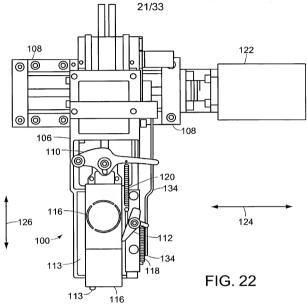
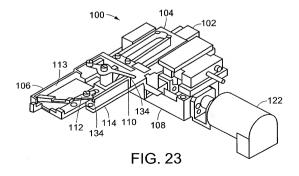


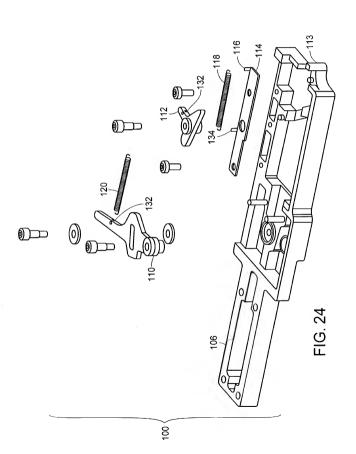
FIG. 21





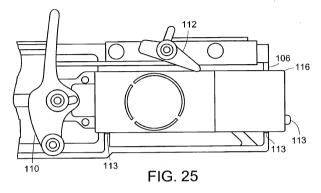
Title: Cytological Imaging Systemend DSS79 ... DS2802 Methods Inventor: Ostagaard et al. Atty Docket No. CYM.037

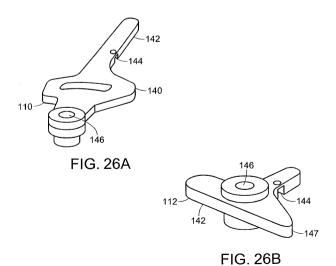
Atty Docket No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US



Title: Cytological Imaging Systems and  $\mathbf{10008379}$  .  $\mathbf{052802}$  Methods

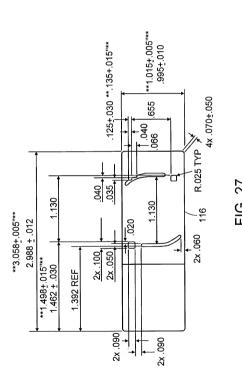
Methods Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty: John V. Forcier Express Label No. EL934409615US





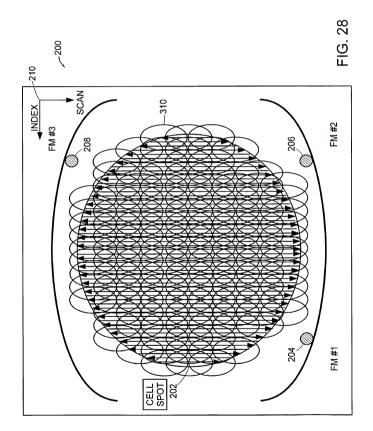
Title: Cytological Imaging Systems and 10008379 - 052802 Methods

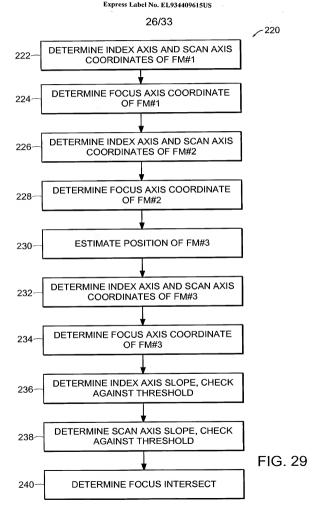
Memons
Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier
Express Label No. EL934409615US

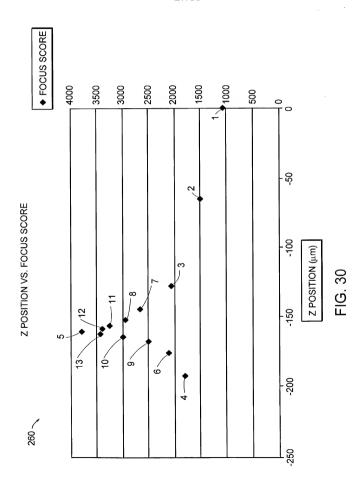


Title: Cytological Imaging Systems and GGGSS79.052802
Methods

Methods Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty: John V. Forcier Express Label No. EL934409615US







Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty: John V. Forcier Express Label No. EL934409615US 28/33 PERFORM COARSE FOCUS ACTION AT -272 FIRST POINT TO DETERMINE FOCUS -270 AXIS COORDINATE DETERMINE FINE FOCUS JURISDICTION 274 FOR FIRST POINT IMAGE REGION ABOUT FIG. 31 276 FIRST POSITION TAKE SCAN PASS MOVE ALONG 278 SCAN AXIS TO NEW POSITION 280 282 IS PERFORM FINE FOCUS POINT WITHIN NO AT LEAST ONE FINE FOCUS ACTION TO DETERMINE FOCUS AXIS COORINATE JURISDICTION 288 YES DETERMINE FINE USE WEIGHTED **FOCUS** 286 IS AVERAGE OF JURISDICTION POINT WITHIN NO CORRESPONDING FOR POINT EXACTLY ONE FINE FOCUS **FOCUS AXIS** JURISDICTION COORDINATES 284 CORRECTED FOR TILT YES 290 USE CORESPONDING FOCUS AXIS COORDINATE, CORRECTED FOR TILT IMAGE REGION ABOUT POINT 292 294 TAKE SCAN PASS NO SUBSTANTIALLY MOVE ALONG 296 ALL OF CELL SPOT SCAN AXIS TO **IMAGED** NEW POSITION YES 298 DONE 300 POINT YES WITHIN THE CELL SPOT 302 NO REPOSITION TO NEW INDEX AXIS COORDINATE WITHIN THE CELL SPOT

Methods

Title: Cytological Imaging Systems and 10008379.052802

Title: Cytological Imaging Systems and COCOST STREAM CONTROL OF ST

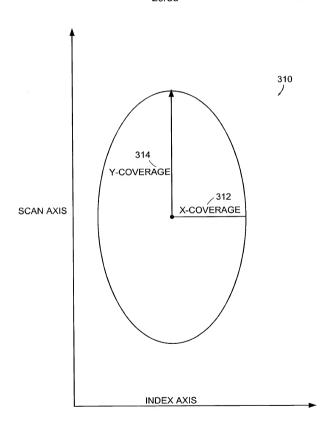


FIG. 32

Title: Cytological Imaging Sylting and 379 = 05 260 2 Methods
Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty; John V. Forcier
Express Label No. EL934409615US
30/33

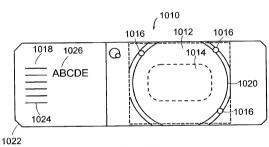


FIG. 33

Title: Cytological Imaging Systems and Methods
Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Foreier
Express Label No. EL934409615US

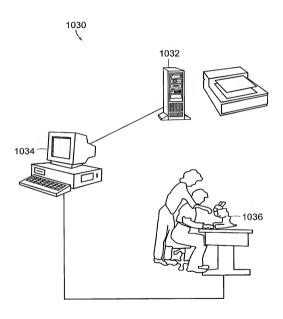
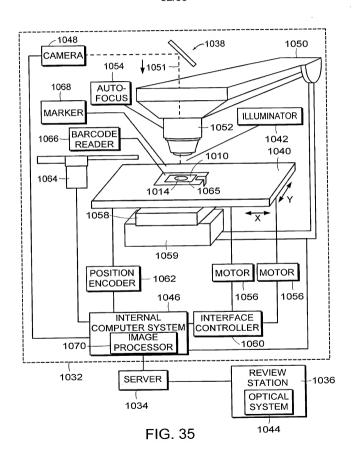


FIG. 34

Title: Cytological Imaging Systems and Methods
Methods
Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier

Express Label No. EL934409615US 32/33



Title: Cytological Imaging Systems and Methods Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty: John V. Forcier Express Label No. EL934409615US

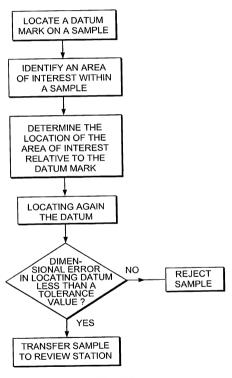


FIG. 36